Lake Worth Dam and Lake Worth

OWNER

City of Fort Worth.

ENGINEER (Design)

John B. Hawley.

LOCATION

On the West Fork Trinity River in Tarrant County, in northwest Fort Worth.

DRAINAGE AREA

2,064 square miles. Runoff is supplemented by releases from Bridgeport and Eagle Mountain Reservoirs.

DAM

Type Earthfill with concrete spillway
Length 3,200 ft
Maximum height 50 ft
Top elevation 606.3 ft above msl
Top width Varies to 40 ft

SPILLWAY

Type Concrete section (uncontrolled)
Crest length 700 ft
Crest elevation 594.3 ft above msl

OUTLET WORKS

Type
Conduit size
Conduit size
Control to treating plant
Control to downstream releases
Control to downstream releases
Control to downstream releases
Conduits through the dam
One 48-inch diameter pipe and
two 60 by 48-inch rectangular conduits
Three valves, each 48 inches in diameter
One 36-inch valve on 48-inch pipe

STATE AUTHORIZATION

Certified Filing No. 757 filed June 27, 1914, was the authorization for this project. This certified filing covered five other small projects on the Clear Fork and West Fork Trinity River.

RESERVOIR DATA (Based on 1968 aerial survey by U.S. Army Corps of Engineers)

Capacity Area 38,130 acre-feet at elevation 594.3 ft above msl 3,560 acres at elevation 594.3 ft above msl

GENERAL

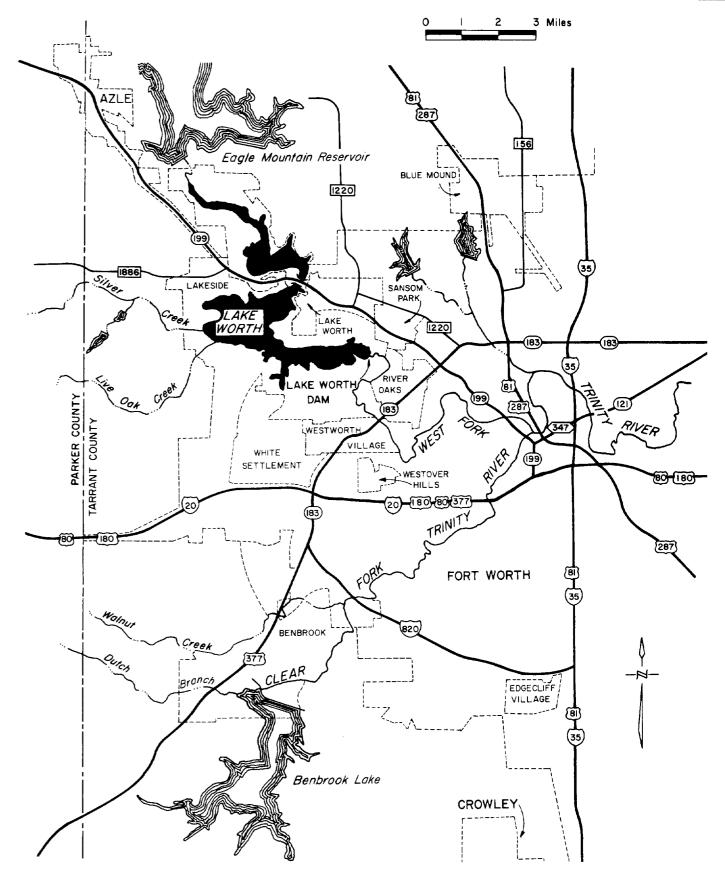
Construction started 1912
Impoundment of water began June 1914
Dam completed October 1914

General contractor The Underground Construction Company

November 1911 to April 1913 City of Fort Worth April 1913 to October 1914

Estimated cost of dam

\$589,000 does not include land



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